

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	148	("6225744" "6227658" "6228712" "6228755" "6235636" "6238347" "6248960" "6261964" "6267649" "6276883" "6285001" "6309550" "6335542" "6350694" "6351007" "6354241" "6355301" "6384347" "6390898" "6416389" "6430348" "6452225" "6452226" "6461967" "6468942" "6514866" "6521007" "6530719" "6558477" "6573028" "6620385" "6622738" "6627002" "6645872" "6656555" "6733954" "6878173" "6899360" "5263569" "5739888" "5565371" "5888639" "6101296" "6220093" "6220093" "6236772" "4422407" "4491746" "4518634" "4588997").pn. ("4763974" "5275686" "5318006" "5319243" "5433789" "5458943" "5479716" "5585647" "5627633" "5646489" "5654557" "5701228" "5828110" "5904439" "5943033" "6008103" "6063674" "6075263" "6164568" "6221508" "6221508" "6236794" "4247981" "4251304" "4287012" "4290385" "4307961" "4325038" "4330765" "4348981" "4369599" "4416635" "4426450" "4459593" "4459569" "4463370" "4485390" "4521747" "4523085" "4533870" "4550390" "4561763" "4569868" "4594961" "4604513" "4621231" "4622090" "4632314" "4755775" "4756047").pn. ("4758843" "4762387" "4763053" "4782334" "4786589" "4797785" "4801991" "4806886" "4808043" "4809288" "4817090" "4818632" "4835119" "4843023" "4845449" "4846102" "4854739" "4855251" "4858814" "4860140" "4879587" "4885484" "4902086" "4908680" "4912897" "4914292" "4932902" "4936745" "4954104" "4955524" "4957062" "4964080" "4963957" "4969259" "4974047" "4980735" "4980305" "4981753" "4984036" "5008893" "5013232" "5013494" "5177635" "5181219" "5182488" "5190206" "5200719" "5208512" "5208893" "5221556").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/18 16:55

S1	145	("5471095" "4468852" "4830695" "5339217" "5357321" "5635671" "5847283" "5916654" "5924204" "4273800" "4277291" "4306367" "4311500" "4316321" "4324823" "4372040" "4376338" "4378549" "4395805" "4406456" "4495014" "4525448" "4578455" "4620997" "4629483" "4795528" "4823011" "4832610" "4859304" "4909909" "4933062" "4941734" "4999083" "5006269" "5008212" "5187149" "5192311" "5198889" "5203798" "5235364" "5238720" "5284517" "5289722" "5327415" "5344746" "5356488" "5394973" "5409362" "5429488" "5433570").pn. ("5449626" "5449632" "5454732" "5456443" "5459096" "5474947" "5484167" "5484274" "5538328" "5567650" "5569091" "5576803" "5582215" "5582298" "5588419" "5599265" "5600295" "5600285" "5605735" "5613931" "5616049" "5625227" "5630196" "5631499" "5638842" "5648139" "5655288" "5661326" "5665202" "5672038" "5679194" "5696665" "5696628" "5713068" "5714789" "5732620" "5739062" "5740995" "5746608" "5773198" "5775827" "5789792" "5807453" "5815521" "5829996" "5829156" "5834377" "5840003" "5880035" "5881445").pn. ("5881750" "5883014" "5885468" "5885404" "5888120" "5902402" "5904596" "5917992" "5928966" "5930594" "5932377" "5933704" "5934922" "5938473" "5939171" "5946544" "5944909" "5949119" "5965301" "5977601" "6030508" "6042736" "6063668" "6065520" "6073377" "6088983" "6096656" "6099402" "6105534" "6107201" "6110314" "6110779" "6113752" "6132845" "6135313" "6140199" "6169593" "6200387" "6203741" "6210389" "6210609" "6213834" "6218244" "6225666" "6225744" "6210389" "6210609" "6213834" "6218244" "6225666").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/18 16:55
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S4	148	("6225744" "6227658" "6228712" "6228755" "6235636" "6238347" "6248960" "6261964" "6267649" "6276883" "6285001" "6309550" "6335542" "6350694" "6351007" "6354241" "6355301" "6384347" "6390898" "6416389" "6430348" "6452225" "6452226" "6461967" "6468942" "6514866" "6521007" "6530719" "6558477" "6573028" "6620385" "6622738" "6627002" "6645872" "6656555" "6733954" "6878173" "6899360" "5263569" "5739888" "5565371" "5888639" "6101296" "6220093" "6220093" "6236772" "4422407" "4491746" "4518634" "4588997").pn. ("4763974" "5275686" "5318006" "5319243" "5433789" "5458943" "5479716" "5585647" "5627633" "5646489" "5654557" "5701228" "5828110" "5904439" "5943033" "6008103" "6063674" "6075263" "6164568" "6221508" "6221508" "6236794" "4247981" "4251304" "4287012" "4290385" "4307961" "4325038" "4330765" "4348981" "4369599" "4416635" "4426450" "4459593" "4459569" "4463370" "4485390" "4521747" "4523085" "4533870" "4550390" "4561763" "4569868" "4594961" "4604513" "4621231" "4622090" "4632314" "4755775" "4756047").pn. ("4758843" "4762387" "4763053" "4782334" "4786589" "4797785" "4801991" "4806886" "4808043" "4809288" "4817090" "4818632" "4835119" "4843023" "4845449" "4846102" "4854739" "4855251" "4858814" "4860140" "4879587" "4885484" "4902086" "4908680" "4912897" "4914292" "4932902" "4936745" "4954104" "4955524" "4957062" "4964080" "4963957" "4969259" "4974047" "4980735" "4980305" "4981753" "4984036" "5008893" "5013232" "5013494" "5177635" "5181219" "5182488" "5190206" "5200719" "5208512" "5208893" "5221556").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 12:16
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S3	145	("5471095" "4468852" "4830695" "5339217" "5357321" "5635671" "5847283" "5916654" "5924204" "4273800" "4277291" "4306367" "4311500" "4316321" "4324823" "4372040" "4376338" "4378549" "4395805" "4406456" "4495014" "4525448" "4578455" "4620997" "4629483" "4795528" "4823011" "4832610" "4859304" "4909909" "4933062" "4941734" "4999083" "5006269" "5008212" "5187149" "5192311" "5198889" "5203798" "5235364" "5238720" "5284517" "5289722" "5327415" "5344746" "5356488" "5394973" "5409362" "5429488" "5433570").pn. ("5449626" "5449632" "5454732" "5456443" "5459096" "5474947" "5484167" "5484274" "5538328" "5567650" "5569091" "5576803" "5582215" "5582298" "5588419" "5599265" "5600295" "5600285" "5605735" "5613931" "5616049" "5625227" "5630196" "5631499" "5638842" "5648139" "5655288" "5661326" "5665202" "5672038" "5679194" "5696665" "5696628" "5713068" "5714789" "5732620" "5739062" "5740995" "5746608" "5773198" "5775827" "5789792" "5807453" "5815521" "5829996" "5829156" "5834377" "5840003" "5880035" "5881445").pn. ("5881750" "5883014" "5885468" "5885404" "5888120" "5902402" "5904596" "5917992" "5928966" "5930594" "5932377" "5933704" "5934922" "5938473" "5939171" "5946544" "5944909" "5949119" "5965301" "5977601" "6030508" "6042736" "6063668" "6065520" "6073377" "6088983" "6096656" "6099402" "6105534" "6107201" "6110314" "6110779" "6113752" "6132845" "6135313" "6140199" "6169593" "6200387" "6203741" "6210389" "6210609" "6213834" "6218244" "6225666" "6225744" "6210389" "6210609" "6213834" "6218244" "6225666").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 12:16
S7	268	S6 and (liquid wet fluid)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 13:05

S9	63	S8 and window	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 13:26
S10	366	S6 not S9	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 13:52
S12	7	("5700379"   "6074515"   "6270619"   "6354794"   "6413355"   "6439824"   "6524429").PN. OR ("6841031"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 13:53
S13	9	("5177514"   "5292393"   "5820679"   "5885403"   "5885681").PN. OR ("6264748"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 14:13
S14	79	(156/345.22).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/20 15:45
S16	231	S15 not S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/20 15:46
S15	236	(156/345.11).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/20 15:46
S5	292	S3 S4	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 16:45
S18	2022	(118/719).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/20 16:46
S20	145	S19 and light	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 16:48
S19	354	S6 and (gate shutter door flap block\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 16:48
S8	192	S7 and (gate shutter door)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 16:48

S6	429	((156/345.31) or (156/345.32)). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/20 16:48
S21	167	S19 and (light radiat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 16:49
S22	1	("6550988").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/20 16:54
S24	5	("5445171" "5701627" "6245156"  "6457199" "6550988").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 16:59
S23	4	("20020035762"   "20020092542"   "5985039"   "6334902").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 16:59
S25	6	("5700127"   "5803932"   "5915396"   "5967159"   "6009890").PN. OR ("6245156"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 17:05
S26	18	("3853313"   "4846626"   "5135349"   "5177514"   "5195862"   "5310442"   "5479108"   "5518542"   "5553396"   "5622400"   "5695817"   "5842824"   "5851296").PN. OR ("5967159"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 17:07
S27	43	("4889069"   "5013586"   "5234499"   "5571560").PN. OR ("5695817").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 17:10
S28	105	("3691582"   "4935981"   "4936329"   "5250114"   "5345639"   "5351360"   "5357645"   "5361449"   "5375291"   "5403397").PN. OR ("5518542").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 17:19
S29	5	("5015177"   "5498294"   "5518542"   "5686143"   "5700127").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 17:28

S30	33	("4682615"   "4855023"   "5068040"   "5177514"   "5224503"   "5253663"   "5261966"   "5409310"   "5445171"   "5447640"   "5518542"   "5549798"   "5568821"   "5578193"   "5589052"   "5701627"   "5720869"   "5806543"   "5815762"   "5824200"   "5839456").PN. OR ("6035871"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 17:39
S32	5291	gate adj valve same material	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 18:07
S31	17	("4208760"   "4974619"   "4985722"   "5092011"   "5168886"   "5191908"   "5301700").PN. OR ("5568821"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 18:07
S35	22	S33 and S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/20 18:08
S34	5701	(156/345.\$).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/20 18:08
S33	1776	gate adj valve with material	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 18:08
S36	70	("4376692"   "4472455"   "4535834"   "4747577"   "4785962"   "4817558"   "4825808"   "4917556"   "4951601"   "4978412"   "5002255"   "5024570"   "5076205"   "5135608"   "5135629"   "5150882"   "5186718"   "5226632"   "5259881"   "5286296"   "5310410"   "5332442"   "5376212"   "5379984"   "5449410"   "5456757"   "5474410"   "5494523"   "5501739"   "5525160"   "5579718").PN. OR ("5769952"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 18:18

S38	23	S36 and (gate valve door shutter) with (metal aluminum solid plate)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 18:19
S37	57	S36 and (gate valve door shutter)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 18:19
S39	22	S36 and (gate valve door shutter) with (metal aluminum solid plate) and (wet liquid etch\$4 clean\$4 fluid)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 18:20
S40	67	("4825808").PN. OR ("5135608").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 19:43
S43	88	("4592306").PN. OR ("4825808").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 19:56
S42	15	("3875068"   "4269137"   "5024182"   "5054420"   "5076205"   "5135608"   "5186756"   "5227340"   "5250092"   "5304248"   "5316579").PN. OR ("5433780").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 19:56
S41	58	("4917556"   "4951601"   "4954079"   "5085553"   "5135608"   "5186594"   "5310410"   "5333986"   "5340261"   "5374147").PN. OR ("5474410").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 19:56
S44	154	S41 S42 S43	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 19:59
S46	1802	(etch\$4 clean\$5).ti,ab,clm. and (gate adj valve cluster multi-tool shutter) same (dark\$4 light\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 20:01
S47	18	(etch\$4 clean\$5).ti,ab,clm. and (cluster multi adj tool (multiple plurality) near2 (chamber apparatus)) same (shutter gate adj valve door) same (dark\$4 light\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 20:02



S48	65	("3090593"   "4278380"   "4311542"   "4514129"   "4619573"   "4632624"   "4680061"   "4687542"   "4765591"   "4785962"   "4816098"   "4819167"   "4911103"   "4962726"   "4966519"   "5019233"   "5044871"   "5120019"   "5121705"   "5133284"   "5223001"   "5226632"   "5275303"   "5292393"   "5302209"   "5363872"   "5435682"   "5445484"   "5469035"   "5474410"   "5494494"   "5505779"   "5586585"   "5664925"   "5697749"   "5769588"   "5794647"   "5795355"   "5833426"   "5838121"   "5844195"   "5855681"   "5882165"   "5902088"   "5905302"   "5909994"   "5911834"   "5944857"   "5961269"   "5984150"   "6039770"   "6042623"   "6044534"   "6048154"   "6053686"   "6059507"   "6062798"   "6066210"   "6145673"   "6162299"   "6176667"   "6250869"   "6254328"   "6270582").PN. OR ("6494670").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 20:13
S49	99	("4405435"   "4477311"   "4501527"   "4547247"   "4553069"   "4584045"   "4592306"   "4624728"   "4705951"   "4722298"   "5096364").PN. OR ("5882165"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 10:12
S50	52	("4664578"   "4776744"   "4781511"   "4785962"   "4867629"   "4990047"   "5048164"   "5162047"   "5273423"   "5277579").PN. OR ("5697749").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 10:14

S51	60	("4405435"   "4592306"   "4643627"   "4643629"   "4795300"   "4797054"   "4824309"   "4825808"   "4828224"   "4909695"   "4917556"   "4923584"   "4951601"   "4962726"   "4990047"   "5067218"   "5076205").PN. OR ("5445491"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 10:28
S52	126	("4318767"   "4405435"   "4477311"   "4498416"   "4534314"   "4542712"   "4547247"   "4548699"   "4550239"   "4563240"   "4584045"   "4587002"   "4592306"   "4622918"   "4661196"   "4661228"   "4664062"   "4668338"   "4668365"   "4670126"   "4674621"   "4705951"   "4713551"   "4715764"   "4715921"   "4717461"   "4724621"   "4756815"   "4763602"   "4770590"   "4775281"   "4825808"   "4851101"   "4852516").PN. OR ("5076205").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 10:38
S58	260	S53 not S57	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 10:39
S57	154	S54 S55 S56	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 10:39
S56	88	("4592306").PN. OR ("4825808"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 10:39
S55	15	("3875068"   "4269137"   "5024182"   "5054420"   "5076205"   "5135608"   "5186756"   "5227340"   "5250092"   "5304248"   "5316579").PN. OR ("5433780"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 10:39
S54	58	("4917556"   "4951601"   "4954079"   "5085553"   "5135608"   "5186594"   "5310410"   "5333986"   "5340261"   "5374147").PN. OR ("5474410").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 10:39
S53	302	S49 S50 S51 S52	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 10:39

S59	11	("4157169"   "4328947"   "5002255"   "5076205"   "5292393"   "5562800"   "5697749"   "5769952"   "5820104"   "6079693"   "6095741").PN. OR ("6913243"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 10:45
S60	30	("3040773"   "3524467"   "3717322"   "3785612"   "4052036"   "4075787"   "4157169"   "4343455"   "4381100"   "4562992"   "4721282"   "5087017"   "5110249"   "5120019"   "5379983"   "5577707"   "5626324"   "5695564").PN. OR ("6079693").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 10:52
S61	408	(gate (slit slot) near2 valve shutter door) with (opaque dark light adj block\$4) same (etch\$4 clean\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 18:16
S64	3036	(gate) with (opaque dark light adj block\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 18:17
S63	6	(gate adj valve) with (opaque dark light adj block\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 18:17
S62	0	(gate adj valve) with (opaque dark light adj block\$4) same (etch\$4 clean\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 18:17
S67	6	S66 and cluster	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 18:18
S66	352	S64 and S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 18:18
S65	429473	(156/345.\$).CCLS. or ("216") or ("118") or ("427") or ("438")). CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/21 18:18

S69	107415	dainippon.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 18:20
S68	107415	dainippon.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 18:20
S73	71	S72 and light	US-PGPUB; USPAT	OR	ON	2005/12/21 18:21
S71	2	S70 and gate.ti,ab,clm.	US-PGPUB; USPAT	OR	ON	2005/12/21 18:21
S74	22	S70 and (valve shutter door flap) with (opaque light dark block\$4)	US-PGPUB; USPAT	OR	ON	2005/12/21 18:22
S72	180	S70 and (valve shutter door flap)	US-PGPUB; USPAT	OR	ON	2005/12/21 18:24
S75	7	("5700379"   "6074515"   "6270619"   "6354794"   "6413355"   "6439824"   "6524429").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 18:28
S76	7	("20010016225"   "6099598"   "6126338"   "6215545"   "6341903"   "6371667"   "6466300").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 18:39
S78	143	S69 and window not S72	US-PGPUB; USPAT	OR	ON	2005/12/21 19:01
S77	6	S70 and window not S72	US-PGPUB; USPAT	OR	ON	2005/12/21 19:01
S70	361	S69 and (etch\$4 remov\$4 clean\$4 bath\$4 (wet liquid) near2 (process\$4)).clm.	US-PGPUB; USPAT	OR	ON	2005/12/21 19:01
L7	67	("4825808").PN. OR ("5135608"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 09:27
L8	53	("5000827"   "5024746"   "5076205"   "5135608"   "5256274"   "5368711"   "5429733"   "5437777"   "5441629"   "5447615"   "5516414"   "5830805"   "5853559").PN. OR ("6017820"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 09:32

L9	16	("20020061248"   "20020134506"   "5002010"   "5186718"   "5286296"   "5310410"   "5695564"   "5788447"   "5855681"   "6017820"   "6071055"   "6217663"   "6257827"   "6403924"   "6440261"   "6503365").PN. OR ("6852194").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 09:34
S11	1	("6841031").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/22 09:38
L11	1	("6568896").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/22 09:42
L12	19	("20010003271"   "4277304"   "4680474"   "4857132"   "5316794"   "5410791"   "5411593"   "5516732"   "5589737"   "5670066"   "5728602"   "5951772"   "5994662"   "6071350"   "6082950"   "6130415"   "6167323"   "6235656"   "6355397").PN. OR ("6568896").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 09:44
L13	87	("4825808").URPN.	USPAT	OR	ON	2005/12/22 09:56

L20	77	(US-20020096495-\$ or US-20020197878-\$ or US-20030019578-\$ or US-20030155073-\$ or US-20040206452-\$ or US-20020134506-\$).did. or (US-4722298-\$ or US-4825808-\$ or US-5076205-\$ or US-5078832-\$ or US-5135608-\$ or US-5292393-\$ or US-5404894-\$ or US-5433780-\$ or US-5445491-\$ or US-5474410-\$ or US-5474641-\$ or US-5485644-\$ or US-5518542-\$ or US-5568821-\$ or US-5664925-\$ or US-5672239-\$ or US-5686143-\$ or US-5695817-\$ or US-5697749-\$ or US-5769952-\$ or US-5882165-\$ or US-5967159-\$ or US-5985039-\$ or US-6007675-\$ or US-6009890-\$ or US-6035871-\$).did. or (US-6042623-\$ or US-6077321-\$ or US-6079693-\$ or US-6136168-\$ or US-6143126-\$ or US-6228561-\$ or US-6245156-\$ or US-6250869-\$ or US-6264748-\$ or US-6270582-\$ or US-6270619-\$ or US-6306455-\$ or US-6413355-\$ or US-6443808-\$ or US-6450750-\$ or US-6458208-\$ or US-6494670-\$ or US-6503365-\$ or US-6517048-\$ or US-6537417-\$ or US-6540869-\$ or US-6550988-\$ or US-6558053-\$ or US-6599368-\$ or US-6601824-\$ or US-6634370-\$ or US-6645303-\$).did. or (US-6682629-\$ or US-6705828-\$ or US-6802934-\$ or US-6841031-\$ or US-6845733-\$ or US-6847730-\$ or US-6884298-\$ or US-6913243-\$ or US-6930050-\$ or US-6945258-\$ or US-6962471-\$ or US-6977014-\$ or US-6017820-\$ or US-6852194-\$ or US-5226632-\$ or US-6568896-\$ or US-6685779-\$ or US-5980591-\$).did.	US-PGPUB; USPAT	OR	ON	2005/12/22 10:07
L24	4	("20020035762"   "20020092542"   "5985039"   "6334902").PN. OR ("6550988").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 10:24
L26	7	20 and (window port) with (view\$4 observ\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 11:27
L25	12	("5345639"   "5485644"   "5498294"   "5518542"   "5651160"   "5779796").PN. OR ("5985039").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 11:27

S79	58	S69 and window same (illuminat\$5 light\$5) not S72	US-PGPUB; USPAT	OR	ON	2005/12/22 11:29
L27	107415	dainippon.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 11:30
L29	37	dainippon and (window port) near2 (view\$4 observ\$4)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 11:32
L28	39	L27 and (window port) with (view\$4 observ\$4)	US-PGPUB; USPAT	OR	ON	2005/12/22 11:32
L10	1	("5226632").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/22 11:34
L30	163	(tadashi near2 sasaki kazuki near2 inoue hideyuki near2 taniguchi takeshi near2 yoshida shigenori near2 kawakami).in.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 11:35
L31	27	30 and (wet\$4 liquid clean\$4 spray\$4 etch\$4 remov\$4 wash\$4). clm.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 11:47
L33	4	30 and (window port) with (view\$4 observ\$4 monitor\$4 watch\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 11:48
L22	75	20 and (wet\$4 liquid clean\$4 spray\$4 etch\$4 remov\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 11:49
L35	5116	(wet\$4 liquid clean\$4 spray\$4 etch\$4 remov\$4) with (chamber wall enclosure tank reactor) and (window) with (observ\$4 view\$4 monitor\$4 watch\$4) same (flap shutter cover door)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 11:51
L38	10	36 and 37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 11:52
L37	5714	(156/345.\$).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/22 11:52

L39	3	("20020014203"   "5277746"   "5331171").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 11:55
L40	14	("3704093"   "3994755"   "4026735"   "4242307"   "4401487"   "4711697"   "5082625").PN. OR ("5277746").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 12:04
L42	22	36 and 41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 12:05
L41	85770	("118").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/22 12:05
L43	1	("3273557").URPN.	USPAT	OR	ON	2005/12/22 12:12
L44	9	("2913780"   "3192575"   "3273557"   "3696833"   "4164108"   "4951652").PN. OR ("5809705").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 12:13
L36	1203	(wet\$4 liquid clean\$4 spray\$4 etch\$4 remov\$4) with (chamber wall enclosure tank reactor) and (window) with (observ\$4 view\$4 monitor\$4 watch\$4) same (flap shutter cover door) same (light\$4 illuminat\$4 bulb)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 12:19
L47	556614	((("156") or ("118") or ("216") or ("438") or ("427"))).CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/22 12:21
L46	2356	(chamber wall enclosure tank reactor) same ((window) with (observ\$4 view\$4 monitor\$4 watch\$4)) same (flap shutter cover door) same (light\$4 illuminat\$4 bulb)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 12:24
L50	4279	(chamber wall enclosure tank reactor) same ((window) with (observ\$4 view\$4 monitor\$4 watch\$4) with (flap shutter cover door))	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 12:25



L49	973	(chamber wall enclosure tank reactor) same ((window) with (observ\$4 view\$4 monitor\$4 watch\$4) with (flap shutter cover door)) same (light\$4 illuminat\$4 bulb)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 12:25
L51	98	50 and 47 not 38 not 42 not 48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 12:26
L48	34	46 and 47 not 38 not 42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 12:26
L23	72	22 and (door shutter valve gate opening)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 12:40
L52	1	("20020051644").PN.	US-PGPUB; USPAT	OR	OFF	2005/12/22 12:41
L34	8417	(wet\$4 liquid clean\$4 spray\$4 etch\$4 remov\$4) with (chamber wall enclosure tank reactor) and (port window) with (observ\$4 view\$4 monitor\$4 watch\$4) same (flap shutter cover door)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 12:54
L54	16	(wet\$4 liquid clean\$4 spray\$4 etch\$4 remov\$4) near5 (chamber wall enclosure tank reactor) and (gate (slit slot) adj valve door shutter) and (light adj block\$4 optical\$4 adj clos\$4 dark\$5)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 12:56